

I.C.L.E.I

Local
Governments
for Sustainability

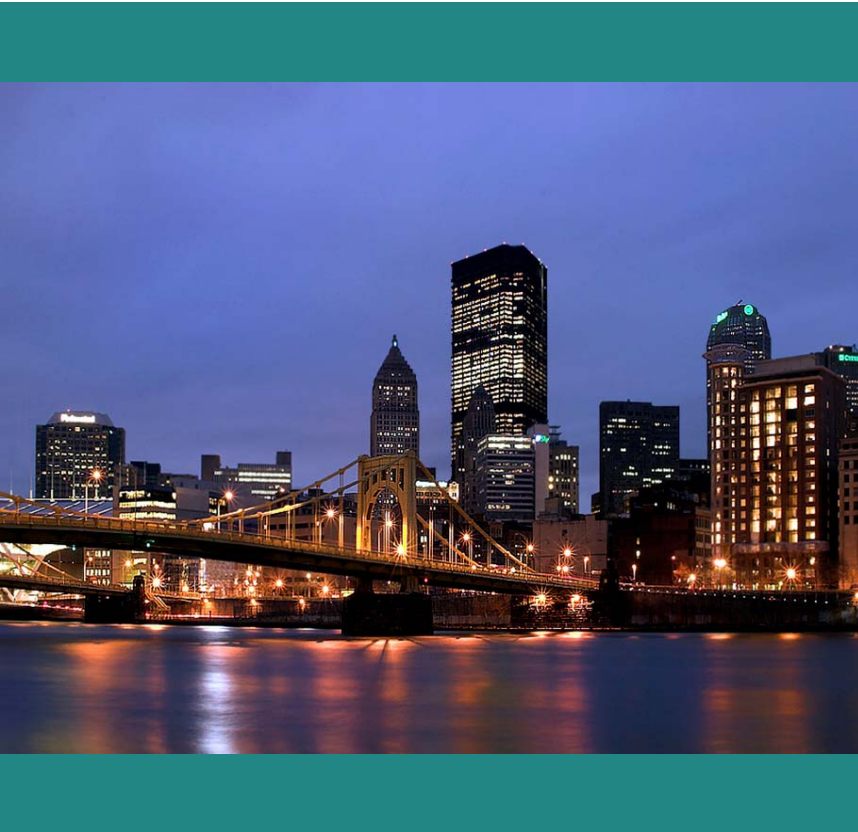


A Worldwide Movement of Local Governments

Our mission is to build, serve and drive a movement of local governments to advance deep reductions in greenhouse gas emissions and achieve tangible improvements in local sustainability.



Experience



15-year track
record helping
governments
address climate
change

- **mitigation**
- **adaptation**
- **sustainability**

A Two-Pronged Approach —Mitigation and Adaptation



Mitigation:

Focus on GHG reduction programs beginning with baseline inventories, goal setting, action plan development and implementation.

Adaptation:

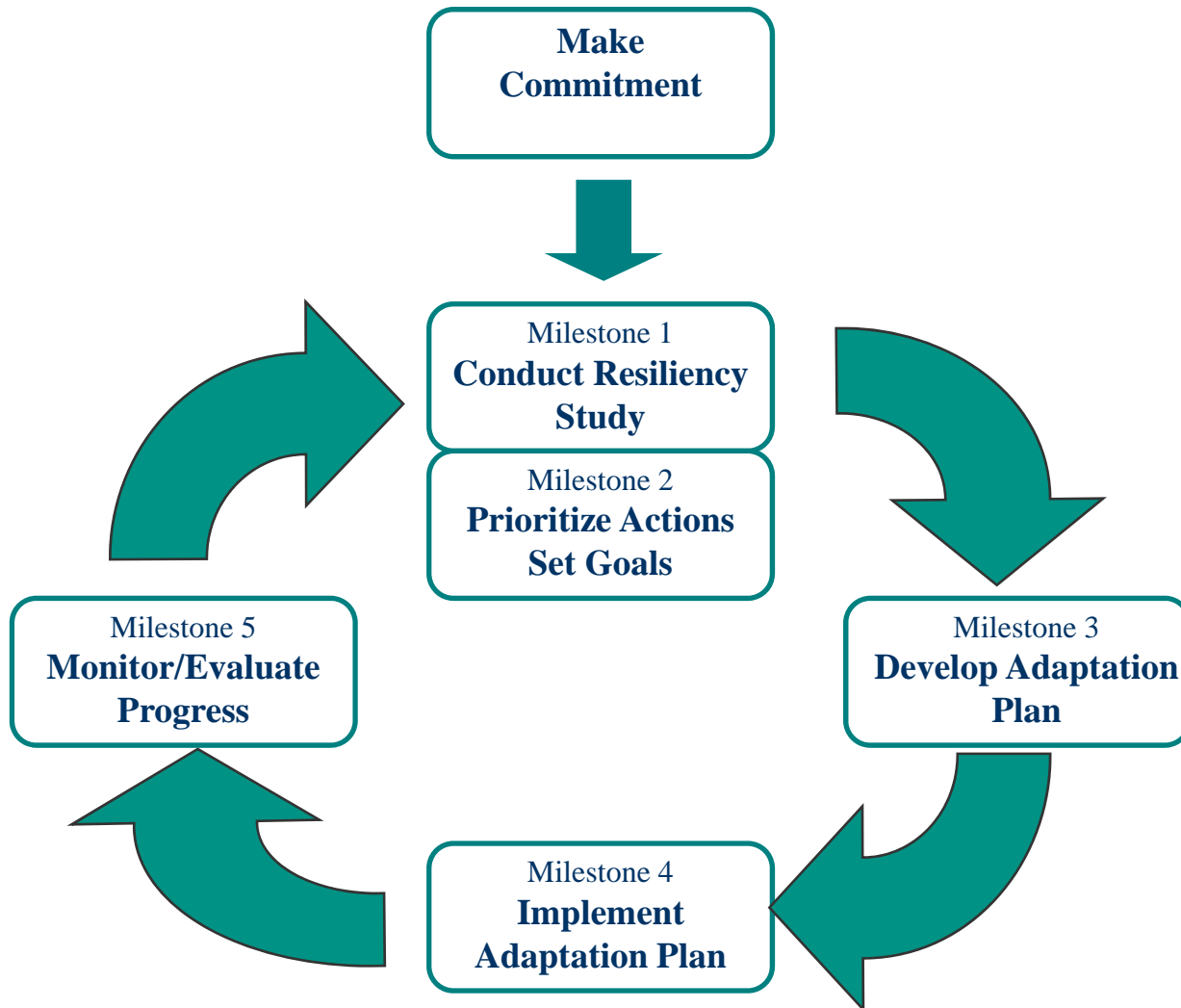
Focus on building resiliency to climate change impacts through identifying vulnerable sectors, goal setting, and preparedness planning.

ICLEI's Adaptation Program

Climate Resilient Communities (CRC)

- Recognition of need for climate adaptation as well as mitigation work
- Link local governments to available climate change science
- Identify opportunities for increasing resiliency
- Sustainable Approach
 - Built Environment
 - Natural Environment
 - Social Environment
- Began Pilot of Climate Resilient Communities (CRC)
 - Keene, NH Homer, AK Miami-Dade County, FL Ft. Collins, CO
- Release of guidebook: Preparing For Climate Change

The 5 Milestone Adaptation Planning Process



Planning for Adaptation

Planning Area →	Forecasted Change in Climate →	Vulnerability →	Goal 1 →	Action 1
				Action 2
				Action 3
			Goal 2 →	Action 1
				Action 2
				Action 3



Milestone 1

Conduct Resiliency Study

- Established a committee
 - Identify who should be involved
 - Mayor, City Manager, Emergency Management, Public Works Director, Planning Director, City Engineer, Local University Representatives, Regional Planning Council Representatives, Climate Scientist, Hospital Representatives, **industry specialist**, etc...
- Identify climate change impacts for your region
 - Assess regional impacts
 - Identify local impacts
- ***Begin discussion on vulnerable and resilient social, natural, and built environments***
- Build support and provide education

Potential Community Vulnerabilities

- Flooding (hurricanes, extreme weather events)
- Building damage (extreme weather events, hurricanes, tornadoes)
- Power outages/damage (ice storms, extreme heat, extreme weather)
- Water pollution/contamination (intense storm events, rainfall events)
- Drought (extreme events, increased temperature)
- Public Health impacts (mortality, decreased access to cooling centers, spread of disease)
- Bridges, Roads, Public Transportation (increased extreme weather events, increases in temperature)



Milestone 2

Prioritize Actions & Set Goals

- Prioritization workshop with Committee members
 - ***Assess Climate Change Risks***
 - Risks associated with different sectors
 - ***Identify goals and actions***
 - ***What are the opportunities?***
 - What actions should be taken?



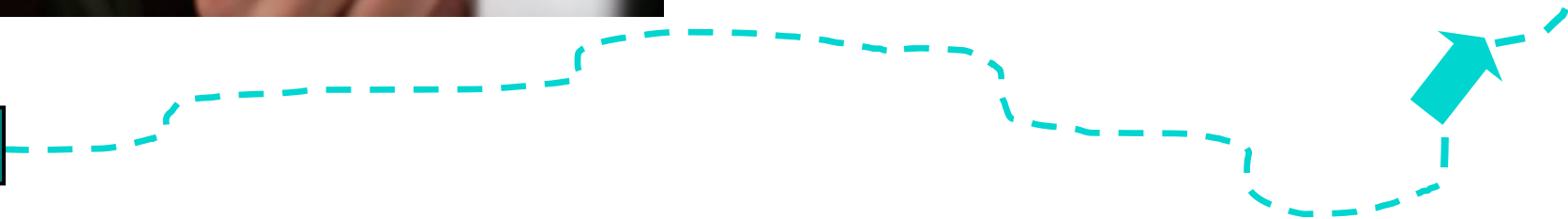
Milestone 3

Develop Adaptation Plan



- Framework (roadmap) for approaching adaptation
- Outlines preparedness Goals
- Actions to achieve Goals
- Timelines and associated costs with actions

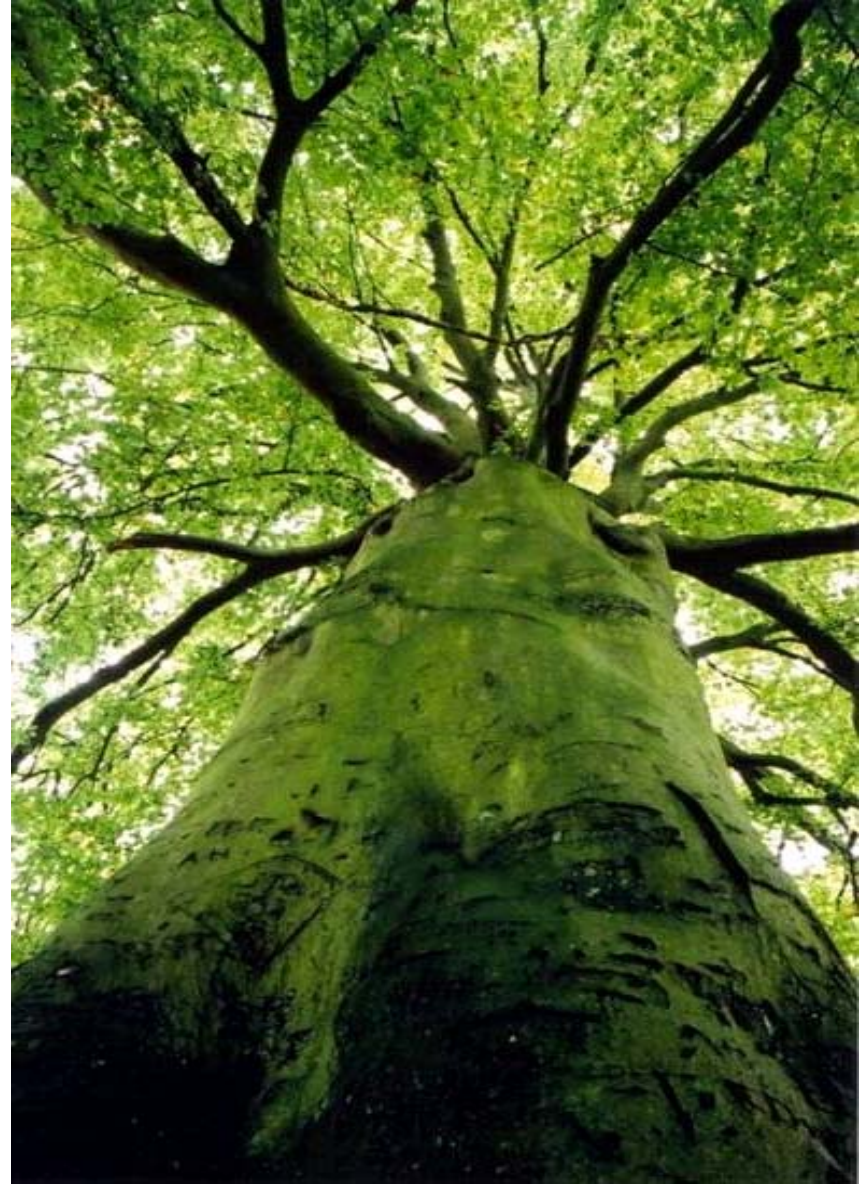
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Milestone 4

Implement the Plan

- **UPDATE existing community plan**
 - Evaluate opportunity for integrating results into comprehensive plans
- ***IMPLEMENT identified actions***
 - Create and adopt policy
 - Identify funding, staffing, other resource needs, etc.
 - Create a timeline and stick to it





**Gary Cook
California Director**

gary.cook@iclei.org
510.844.0699 ext.327
www.iclei-usa.org

